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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50004/003003
		Serial No.	09/371,347
		Applicant	Roy A. Gravel et al.
		Filing Date	August 10, 1999
		Group	1632
(37 CFR §1.98(b))		IDS Filed	October 3, 2000

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)

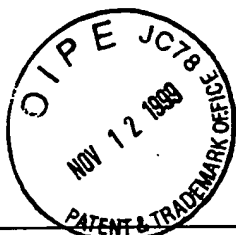
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
<i>DJS</i>	WO 99/06552	11.02.99	PCT			
<i>DJS</i>	WO 97/25440	17.07.97	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

<i>DJS</i>	Wilson et al., "Molecular basis for methionine synthase reductase deficiency in patients belonging to the cblE complementation group of disorders in folate/cobalamin metabolist," Human Molecular Genetics 8(11):2009-2016, (1999)

EXAMINER <i>Roy A. Gravel</i>	DATE CONSIDERED <i>7-26-01</i>
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	



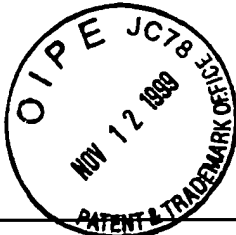
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)							
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DJS	Brasch et al., "Neonatal Megaloblastic Anemia Associated with Reduced Cellular Uptake of Folate and Low Methyl-B12 Levels: A New Mutation," Aust. N. Z. J. Med. 18 Supp.434 (1988).						
DJS	Frosst et al., "A Candidate genetic Risk Factor for Vascular Disease: a Common Mutation in Methylenetetrahydrofolate Reductase," Nat. Genet. 10:111-113 (1995).						
DJS	Goyette et al., "Human methylenetetrahydrofolate reductase: isolation of cDNA, mapping and mutation identification" Nature Genetics 7:195-200 (1994).						
DJS	Gulati et al., "Defects in Auxiliary Redox Proteins Lead to Functional Methionine Synthase Deficiency," J. Biol. Chem. 272:19171-19175 (1997).						
DJS	Hudson et al., "An STS-Based Map of the Human Genome," Science 270:1945-1954 (1995).						
DJS	Leclerc et al., "Molecular Cloning, Expression and Physical Mapping of the Human Methionine Synthase Reductase Gene," Gene 12140:1-14 (1999).						
DJS	Leclerc et al., "Cloning and mapping of a cDNA for methionine synthase reductase, a flavoprotein defective in patients with homocystinuria" Proc. Natl. Acad. Sci. USA 95:3059-3064 (1998).						
DJS	Rosenblatt et al., "Altered Vitamin B ₁₂ Metabolism in Fibroblasts from a Patient with Megaloblastic Anemia and Homocystinuria Due to a New Defect in Methionine Biosynthesis," J. Clin. Invest. 74:2149-2156 (1984).						
DJS	Rosenblatt et al., "Prenatal Vitamin B ₁₂ Therapy of a Fetus with Methylcobalamin Deficiency (Cobalamin E Disease)," Lancet 1:1127-1129 (1985).						
DJS	Rozen, "Molecular Genetic Aspects of Hyperhomocysteinemia and its Relation to Folic Acid," Clin. Invest. Med. 19:171-178 (1996).						
EXAMINER <i>David J. Steinhilber</i>				DATE CONSIDERED <i>02-27-01</i>			
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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50004/003003
		Serial No.	09/371,374
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	(37 CFR §1.98(b))	Applicant	Roy A. Gravel et al.
		Filing Date	August 10, 1999
		Group	1632
		IDS Filed	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
DS	Schuh et al., "Homocystinuria and Megaloblastic Anemia Responsive to Vitamin B ₁₂ Therapy," N. Engl. J. Med. 310:686-690 (1984).		
DS	Tauro et al., "Dihydrofolate Reductase Deficiency Causing Megaloblastic Anemia in two Families," N. Engl. J. Med., case one 294:466 (1976).		
DS	van der Put et al., "Mutated Methylenetetrahydrofolate Reductase as a Risk Factor for Spina Bifida," The Lancet 346:1070-1071 (1995).		
DS	Watkins et al., "Functional Methionine Synthase Deficiency (cblE and CblG): Clinical and Biochemical Heterogeneity," Am. J. Med. Genet. 34:427-434 (1989).		
DS	Wilson et al., "A Common Variant in Methionine Synthase Reductase Combined with Low Cobalamin (Vitamin B ₁₂) Increase Risk for Spina Bifida," Molecular Genetics and Metabolism 67:317-323 (1999).		
EXAMINER <i>David J. Headman</i>	DATE CONSIDERED <i>2-27-01</i>		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			